

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket Number: AVSI-0023 (108328.00146)
In re the Application of: Ruxandra Draghia-Akli, et al.
Serial No.: 10/619,939
Filed: July 15, 2003
Art Unit: 1636
Examiner: Daniel M. Sullivan
For: CODON OPTIMIZED SYNTHETIC PLASMIDS

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING: I hereby certify that this correspondence is addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, and is being deposited with the United States Postal Service on

12-14-06
Tracy E. Giroux
(Printed or typed name of person signing certificate)
Tracy E. Giroux
(Signature of the person signing the certificate)

2ND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Herewith is Form PTO-1449 together with one copy of each document listed thereon. Please note also any item(s) designated below:

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, which ever event occurs last 37 C.F.R. § 1.97(b).

The fee set forth in 37 CFR 1.17(p) \$_____ is enclosed.

Each document listed on enclosed Form PTO-1449 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this correspondence.

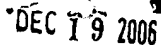
X

Respectfully submitted,

T. Ling Chwang
Reg. No. 33,590

Date: Dec. 14, 2006

Jackson Walker L.L.P.
901 Main Street, Suite 6000
Dallas, Texas 75202
Phone: (214) 953-5959
Fax: (214) 661-6870



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

AVSI-0023 (108328.00146)

4483127

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/619,939		
		Filing Date	July 15, 2003		
		First Named Inventor	Ruxandra Draghia-Akli, et al.		
		Art Unit	1636		
		Examiner Name	Daniel M. Sullivan		
Sheet	2	of	2	Attorney Docket Number	AVSI-0023 (108328.00146)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	HAMDAN FF, Mousa A, Ribeiro P. Codon optimization improves heterologous expression of a Schistosoma mansoni cDNA in HEK293 cells. Parasitol Res. 2002 Jun;88(6):583-6. Epub 2002 Feb 16.	
	4	KIM CH, Oh Y, Lee TH. Codon optimization for high-level expression of human erythropoietin (EPO) in mammalian cells. Gene: An International Journal on Genes and Genomes, Elsevier, Amsterdam, NL. 1997 Oct 15;199(1-2):293-301.	
	5	YEW NS, Wysokenski DM, Wang KX, Ziegler RJ, Marshall J, McNeilly D, Cherry M, Osburn W, Cheng SH. Optimization of plasmid vectors for high-level expression in lung epithelial cells. Hum Gene Ther. 1997 Mar 20;8(5):575-84.	
	6	Supplementary European Search Report Under Article 157(2)(a) EPC, from the European Patent Office, dated October 10, 2006.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Doc No.:

4483154